

Amendments to the Claims

This listing of claims replaces all prior versions.

1. (Currently Amended) A flexible monolithic electronic device provided with
an insulating layer of electrically insulating material having a first side and
an opposed second side, which insulating layer is provided with a first aperture extending
from the first to the second side;

an active layer of a semiconductor material on the first side of the
insulating layer, in and on which active layer at least one switching element is defined,
which element is provided with a first electrode in the active layer;

a flexible coating acting as a protective cover for the at least one switching
element[,] ; and

a functional layer being present on the second side of the insulating layer
and being electrically connected to the first electrode through the first aperture in the
insulating layer.

2. (WITHDRAWN)

3. (Previously Presented) A flexible electronic device as claimed in Claim 1,
characterized in that the functional layer is an electro-optical layer which constitutes, in
conjunction with a switching element, a display pixel.

4. (Original) A flexible electronic device as claimed in Claim 3, characterized in that an
electrically conductive layer is present between the active layer and the functional layer,
in which conductive layer a pixel electrode is defined.

5. (Original) A flexible electronic device as claimed in Claim 4, characterized in that the
display pixel comprises a capacitor with a first and a second electrode and a dielectric,
which first electrode is present in the electrically conductive layer and which second
electrode is defined in the active layer, the insulating layer acting as the dielectric.

6. (Original) A flexible electronic device as claimed in Claim 5, characterized in that the substrate is provided with a high-K area and with a low-K area, which high-K area acts as the dielectric of the capacitor.

7. (Original) flexible electronic device as claimed in Claim 3, characterized in that the switching element is part of an array of switching elements present in and on the active layer, which array is driven by a driving circuit comprising an integrated circuit of circuit elements present in and on the active layer.

8. (WITHDRAWN)

9. (Previously Presented) An apparatus comprising a flexible device according to Claim 1.

10. (WITHDRAWN)

11. (Previously Presented) A rollable cartridge comprising the flexible electron device according to Claim 3.

12. (WITHDRAWN)

13. (WITHDRAWN)